INSTRUCTIONS

-J04427 REV. 2007-12-04

POWER LOCK KIT

GENERAL

Kit Number

76463-08, 76510-08

Models

For model fitment information, please see the P&A Retail Catalog or the Parts and Accessories section of www.harley-davidson.com (English only).

Additional Parts Required

⚠WARNING

The rider's safety depends upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00333a)

NOTE

This instruction sheet references Service Manual information. A Service Manual for your model motorcycle is required for this installation and is available from a Harley-Davidson Dealer.

Kit Contents

See Figure 12 and Table 1 and Figure 13 and Table 2.

INSTALLATION

⚠WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, disconnect negative (-) battery cable before proceeding. (00048a)

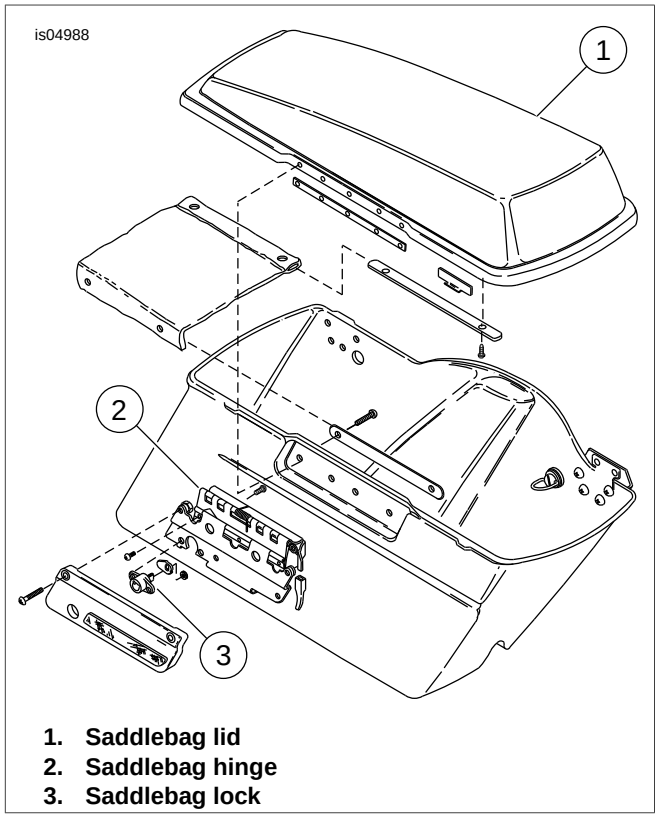
⚠WARNING

Disconnect negative (-) battery cable first. If positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury. (00049a)

1. Disconnect the battery, negative (-) battery cable first, following the instructions in the appropriate Service Manual.
2. Remove seat following the instructions in the appropriate Service Manual.

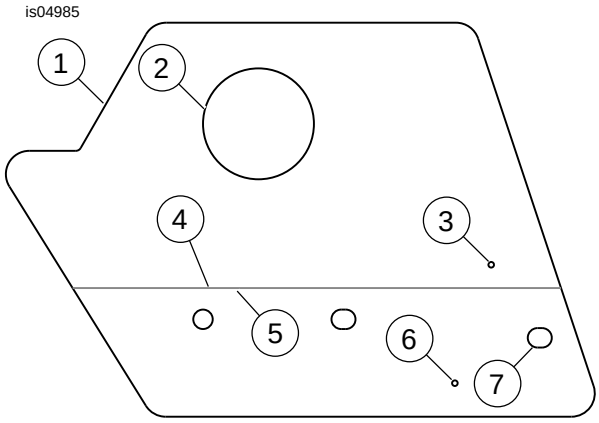
Preparing the Saddlebags for Power Locks

1. Remove saddlebags following the instructions in the appropriate Service Manual.
2. See Figure 1. Remove lid (1) and hinge (2) from saddlebag.
3. Remove lock (3) from saddlebag.
4. See Figure 2. Set drill template on hinge surface of the saddlebag aligning the template (5) with hinge mounting holes (7).
5. See Figure 3. Drill 0.344 (11/32) inch diameter hole (1).
6. Place the template on the back of the saddlebag (4) aligning front mounting grommet (2) and forward latch bracket (1).
7. See Figure 4. Drill 0.500-0.515 inch diameter hole (1).
8. Repeat on the other saddlebag.



1. **Saddlebag lid**
2. **Saddlebag hinge**
3. **Saddlebag lock**

Figure 1. Remove Lid, Hinge and Lock from Saddlebag



1. **Forward latch bracket position**
2. **Mounting grommet position**
3. **Drill 0.5-0.515 inch diameter hole in saddlebag back**
4. **Saddlebag back**
5. **Saddlebag hinge side**
6. **Drill 0.344 inch diameter hole in hinge area**
7. **Rear hinge mounting hole**

Figure 2. Drilling Template

1. **0.344 inch diameter hole**

Figure 3. Drill Hole in Saddlebag Front

1. **0.500-0.515 inch diameter hole**
2. **Grommet**

Figure 4. Drill Hole in Saddlebag Back

Installing Power Lock in Saddlebags

1. See Figure 12. Install new lock (1) on saddlebag hinge. Tighten to 30-40 **in-lbs** (41-54 Nm).

NOTE

See Figure 9. There are two actuator assemblies, a left side (2) and a right side (1). If the actuator cable does not lay against the hinge wall of the saddlebag, use the other actuator.

2. Install actuator (1) into bottom back corner of saddlebag. Peel off the backing from the double-sided tape on bottom of actuator before positioning into saddlebag. The cable from the actuator should be tight against the hinge-side wall of the saddlebag.
3. Align the cam plate with the 0.344 hole (previously drilled). Install two inner screws to face plate (10) of the lid/hinge. Tighten finger-tight.
4. Push the outer cam (9) through the hole in the saddlebag and cam plate. Align the inner cam (8) to the square stock of the outer cam.
5. Slide the small end of the spring (6) over the square stock of the outer cam (9). Press the spring in place with the spacer (4).
6. Secure the assembly with the E-clip (5).
7. Attach the cable barrel to the cam arm and tighten the locknut on the cable end.
8. Tighten the two inner screws to 25 **in-lbs** (2.8 Nm).
9. Install cover (11) over the cam assembly. Install the lid tether on the back of the cover (11). Install screws (3). Tighten the screws only to the point where the tether fabric just begins to wrinkle.
10. Install strain relief bushing (7) into the 0.50 hole (previously drilled). Install the actuator cable into the strain relief bushing.
11. Install the self-adhesive clips to hold wire against side of the saddlebag.
12. Install the 2-way housing (16) onto the ends of the actuator wires and secure with the secondary lock.
13. Repeat Steps 1-12 for the other saddlebag.

NOTE

Saddlebag liners (88235-07, right and 88236-07, left) are available from your Harley-Davidson dealer.

Install Receiver Module and Wire Harness

1. Remove right side cover.
2. See Figure 5. Remove bolt (1) and spacer (2) holding arm of battery caddy.
3. See Figure 6.

   For Models without ABS: Install receiver bracket (2) and spacer (1) to the caddy with bolt (3).

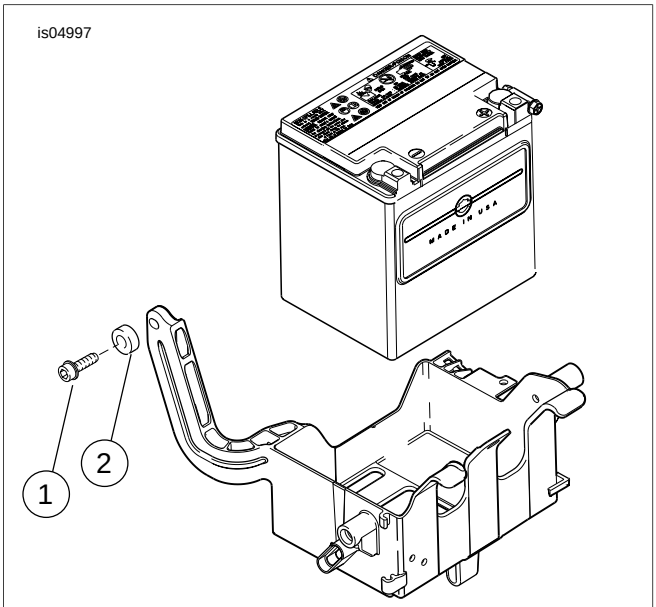
   For Models with ABS: Install receiver bracket (2) to the caddy with bolt (3). Spacer (1) can be discarded.
4. Tighten screw to 72-96 **in-lbs** (8-11 Nm).

NOTE

See Figure 7. Ensure the foot (1) of the receiver bracket hook onto the arm of the battery caddy (2).

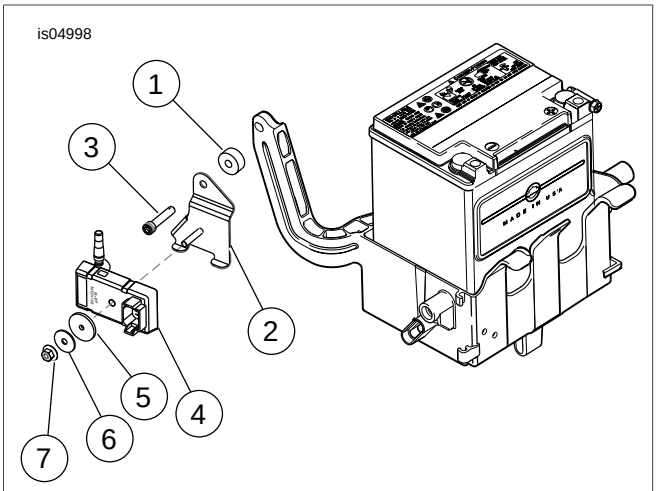
5. See Figure 6. Install receiver module (4) onto receiver module bracket (2) with rubber washer (5), washer (6) and nut (7). Tighten nut to 20-40 **in-lbs** (2.3-4.5 Nm).

6. See Figure 12. Plug connector (B) into receiver module.
7. Route connector wires (C and E) up the front of the battery.
8. Install ground wire (C) onto ground stud on the motorcycle frame.
9. See Figure 8. Plug connector (E) into the B+ connector [160B].
10. See Figure 12. Route wire (A) between frame and rear fender on right side of motorcycle.



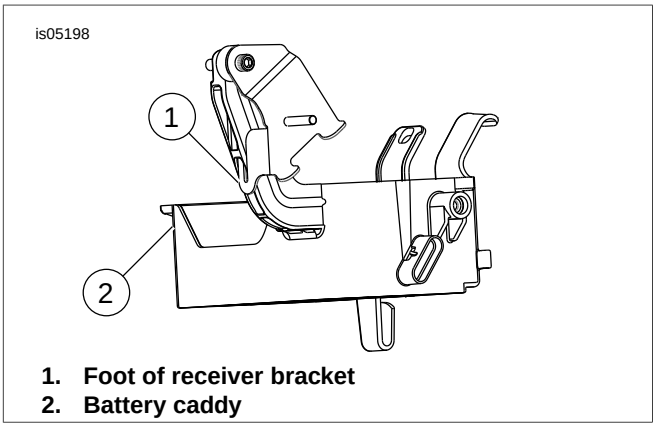
1. **Bolt**
2. **Spacer**

Figure 5. Remove Bolt and Spacer



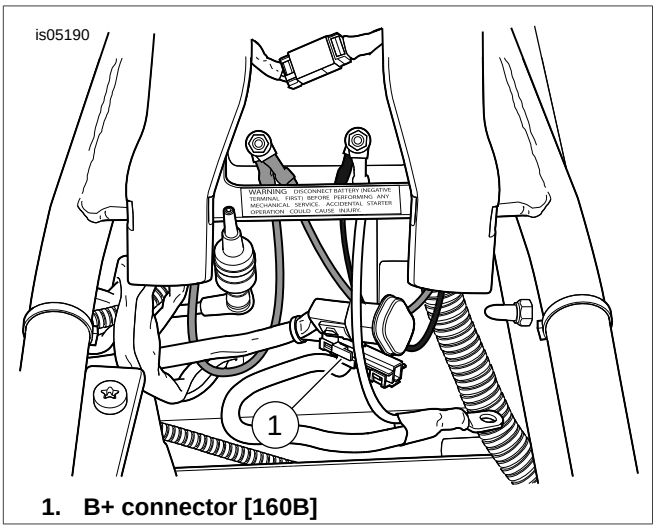
1. **Spacer (for models without ABS)**
2. **Receiver module bracket**
3. **Bolt**
4. **Receiver module**
5. **Rubber washer**
6. **Washer**
7. **Nut**

Figure 6. Install Receiver Module



1. **Foot of receiver bracket**
2. **Battery caddy**

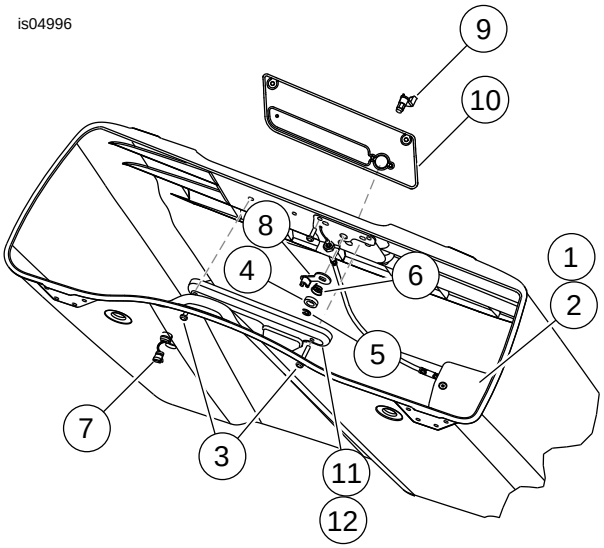
Figure 7. Install Receiver Bracket onto the Battery Caddy



1. **B+ connector [160B]**

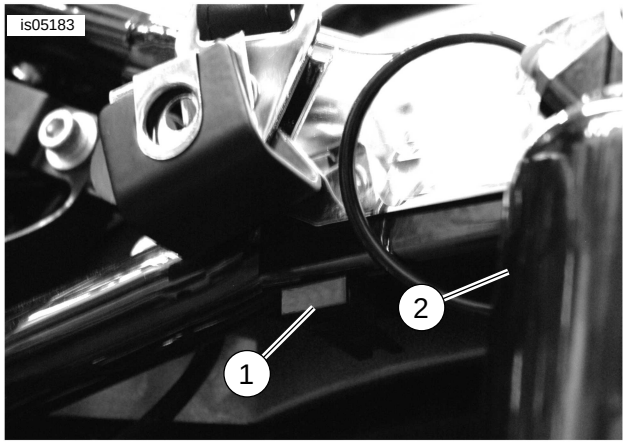
Figure 8. Upper Frame Crossmember (Under Seat)

11. See Figure 10. Push clip fastener (1) into frame hole located in front of shock absorber mounting (2).
12. See Figure 12. Route wires (F and G) over the rear fender.
13. Connect the two-pin connector (G) to the frame on the left side in front of the shock absorber (Figure 10, Item 2).
14. See Figure 12. If **not** installing the Tour-Pak® lock kit: Install the three-pin connector (F) with weather plug (18).
15. Connect the actuator wire connectors exiting the saddlebag **before** locking the saddlebag.
16. Install saddlebags following the instructions in the appropriate Service Manual.



1. **Box and actuator assembly (right side)**
2. **Box and actuator assembly (left side) (not shown)**
3. **Screw (2)**
4. **Power lock spacer**
5. **E-clip**
6. **Spring**
7. **Cord grip strain relief bushing**
8. **Inner cam**
9. **Outer cam**
10. **Face plate**
11. **Cover (right side)**
12. **Cover (left side) (not shown)**

Figure 9. Saddlebag Assembly

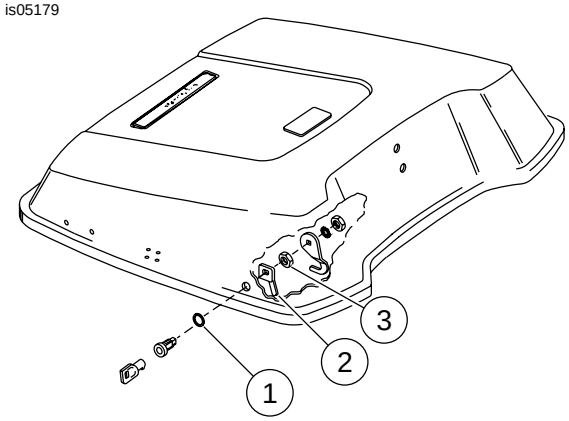


1. **Clip fastener**
2. **Shock absorber**

Figure 10. Install Clip Fastener (Left Side Shown)

Install Power Lock in Tour-Pak

1. See Figure 11. Remove lock set from Tour-Pak lid. Save washer (1), lock guide (2) and locknut (3) for re-installation.
2. See Figure 13. Install Tour-Pak actuator assembly (1) into lid of Tour-Pak. Remove backing from double-sided tape (2) on bottom of actuator before positioning.
3. Assemble lock components using washer, nut and lock guide from Step 1.
4. Remove Tour-Pak liner.
5. Route wires from actuator across the inside top of lid to hinge area. Hold in place with clips (12).
6. Route wires down into the Tour-Pak bottom.
7. See Figure 12. Connect (F) to Tour-Pak harness (see Figure 13, Item 13).
8. Connect the 2-way connector to the Tour-Pak harness after the harness is routed inside the Tour-Pak. Connect the Tour-Pak harness to the actuator.



1. **Washer**
2. **Lock guide**
3. **Locknut**

Figure 11. Tour-Pak Lock Set

Final Assembly

⚠WARNING

Connect positive (+) battery cable first. If positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury. (00068a)

1. Connect the battery cables, positive (+) battery cable first, following the instructions in the appropriate Service Manual.
2. Install Tour-Pak liner.
3. Install seat following instructions in the appropriate Service Manual.
4. Test the power locks with key fob. Press the lock and unlock buttons to test.

SERVICE PARTS

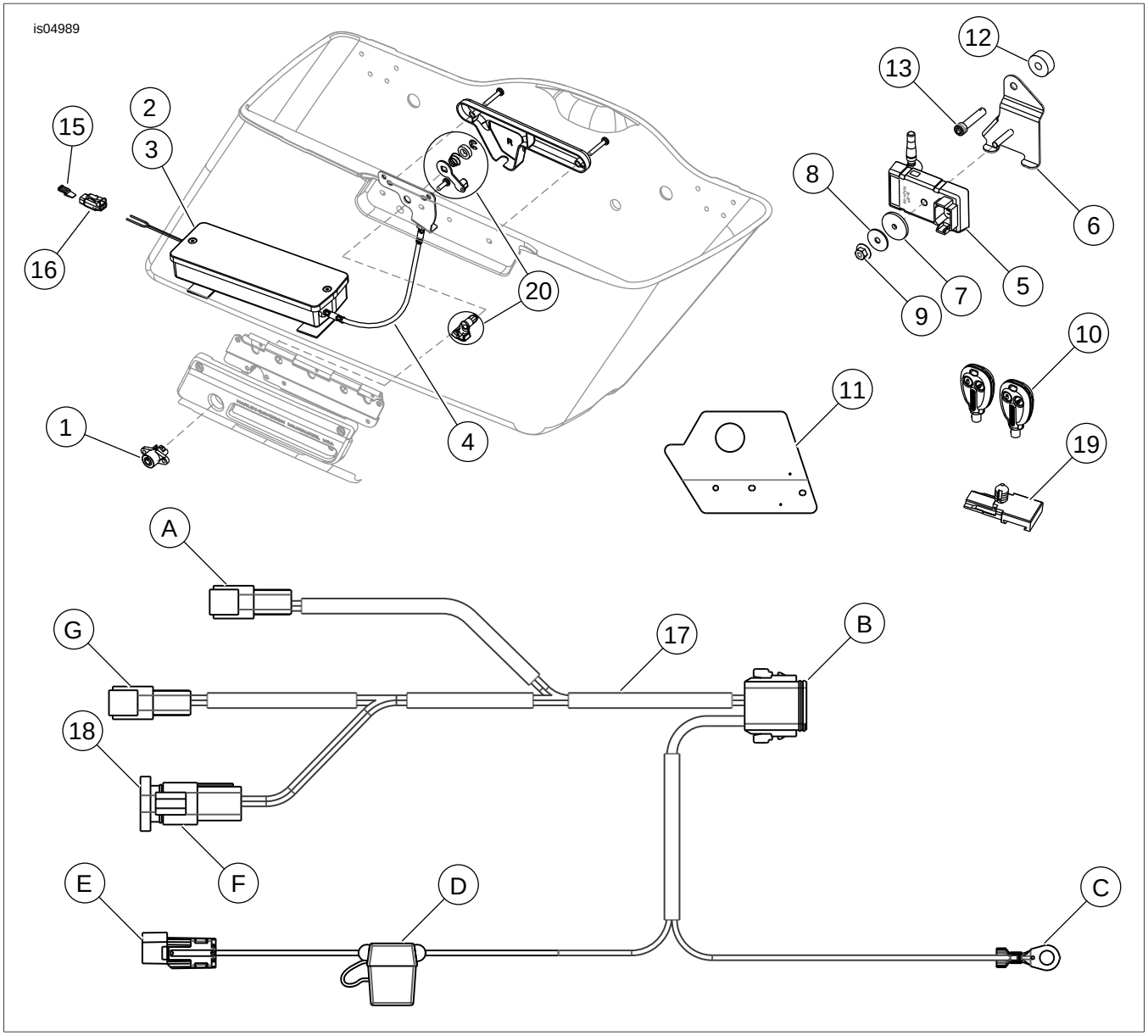


Figure 12. Service Parts: Power Lock Kit

Table 1. Service Parts Table

Item	Description (Quantity)	Part Number
	Kit 76463-08	
1	Lock assembly (2)	53986-07
2	Actuator assembly, right side	79163-07
3	Actuator assembly, left side (not shown)	79156-07
4	Harness, saddlebag actuator	76458-08
5	Receiver module	76524-08
6	Bracket, receiver module	76528-08
7	Washer, rubber	6035A
8	Washer	6036
9	Nut	7499
10	Key fob (2)	76543-08

Table 1. Service Parts Table

Item	Description (Quantity)	Part Number
11	Drill template	94093-08
12	Spacer (for models without ABS only)	90175-00
13	Screw	3277
14	Clip, adhesive-backed (not shown)	10102
15	Secondary lock (included with items 1 and 2)	74152-98
16	Housing, 2-way socket (included with items 1 and 2)	74112-98BK
17	Power lock wire harness	76458-08
18	Weather plug (installed in [F])	72163-94
19	Clip	73198-96
20	Power lock hardware kit	88283-07
Wire Harness Designations		
A	To right saddlebag module	
B	To receiver module	
C	To ground	
D	Fuse holder	
E	To battery	
F	To Tour-Pak	
G	To left saddlebag module	

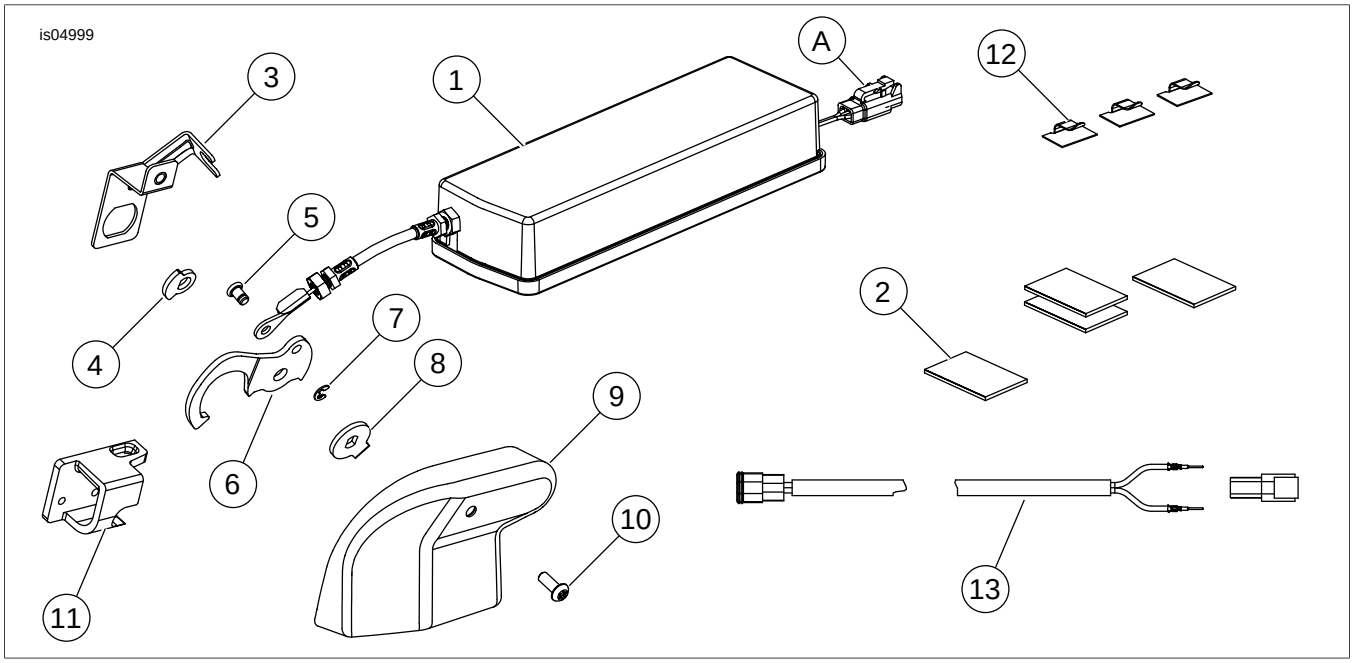


Figure 13. Service Parts: Tour-Pak Power Lock Kit

Table 2. Service Parts Table

Item	Description (Quantity)	Part Number
	Kit 76510-08	
1	Tour-Pak actuator	Not Sold Separately
2	Tape, double-sided	Not Sold Separately

Table 2. Service Parts Table

Item	Description (Quantity)	Part Number
3	Cable bracket	79135-08
4	Lock stop	Not Sold Separately
5	Retaining pin	Not Sold Separately
6	Lock hook	Not Sold Separately
7	E-clip	Not Sold Separately
8	Lock driver	Not Sold Separately
9	Tour-Pak power lock cover	79171-08
10	Cap screw	2478
11	Catch	79182-08
12	Adhesive-backed clip	10102
13	Tour-Pak wire harness	76481-08
A	Tour-Pak wire harness connector	Not Sold Separately